

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Docket No: Q61398

Stefaan Jozef DE CNODDER

Appln. No.: 09/691,049

Group Art Unit: 2661

Confirmation No.: 5353

Examiner: Robert W. WILSON

Filed: October 19, 2000

For:

A SHAPING METHOD AND RELATED SHAPER

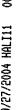
INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §§ 1.97 and 1.98

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached PTO/SB/08 A & B (modified) form and/or listed herein and which the Examiner may deem material to patentability of the claims of the above-identified application.

- 1. U.S. Patent No. 5,812,525, issued on September 22, 1998 to Teraslinna.
- 2. U.S. Patent No. 6,404,767, issued on June 11, 2002 to Depelteau et al.
- 3. U.S. Patent No. 6,247,072, issued on June 12, 2001 to Firestone.
- 4. U.S. Patent No. 6,327,246, issued on December 4, 2001 to Jones.
- 5. U.S. Patent No. 6,438,134, issued on August 20, 2002 to Chow et al.
- 6. U.S. Patent No. 5,132,966, issued on July 21, 1992 to Hayano et al.
- 7. U.S. Patent No. 5,793,747, issued on August 11, 1998 to Kline.



INFORMATION DISCLOSURE STATEMENT U.S. APPLN. NO.: 09/691,049 ATTORNEY DOCKET NO. Q61398

- 8. U.S. Patent No. 6,081,843, issued on June 27, 2000 to Kilkki et al.
- 9. U.S. Patent No. 6,198,724, issued on March 6, 2001 to Lam et al.
- 10. U.S. Patent No. 5,949,795, issued on September 7, 1999 to Moroney et al.
- 11. U.S. Patent No. 6,333,917, issued on December 25, 2001 to Lyon et al.
- 12. Kyeong Soo Kim *et al.*: "Three-level Traffic Shaper and its Application to Source Clock Frequency Recovery for VBR Video Services in the ATM Networks" IEEE/ACM Transactions on Networking, vol. 3, no. 4, August 1, 1995, pages 450-458, XP000520864.
- 13. H. R. Mehrvar *et al.*: "On Prediction of Bursty Traffic in Broadband SATCOM Systems" 1996 IEEE International Conference on Communications (ICC), Converging Technologies for Tomorrow's Applications Dallas, June 23-27, 1996, vol. 2, June 23, 1996, pages 926-930, XP000625909.
- 14. M. Ritter: "Performance Analysis of the Dual Cell Spacer in ATM Systems" High Performance Networking 6, IFIP 6th. International Conference on High Performance Networking (HPN). Palma De Mallorca, September 13-15, 1995, Conf. 6, September 11, 1995, pages 345-362, XP000624348.
- 15. Jin-soo Kim *et al.*, "Adaptive Traffic Smoothing for Live VBR MPEG Video Service", Computer Communications 21 (1998) 644-653.
- 16. The ATM Forum, Technical Committee, "Traffic Management Specification Version 4.0" ATM Forum/95-0012R10, February 1996, pages 41-42.

One copy of each of the listed documents is submitted herewith, along with a copy of the corresponding European Search Report dated March 4, 1999.

INFORMATION DISCLOSURE STATEMENT

U.S. APPLN. NO.: 09/691,049

ATTORNEY DOCKET NO. Q61398

The present Information Disclosure Statement is being filed (without a Statement Under

37 C.F.R § 1.97(e)) after the later of three months from the application's filing date and the

mailing date of the first Office Action on the merits, but before a Final Office Action, Notice of

Allowance, or an action that otherwise closes prosecution in the application (whichever is

earlier), and therefore a check for the fee of \$180.00 under 37 C.F.R. § 1.17(p) is attached.

The submission of the listed documents is not intended as an admission that any such

document constitutes prior art against the claims of the present application. Applicant does not

waive any right to take any action that would be appropriate to antedate or otherwise remove any

listed document as a competent reference against the claims of the present application.

The USPTO is directed and authorized to charge all required fees, except for the Issue

Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any

overpayments to said Deposit Account. A duplicate copy of this paper is attached.

Respectfully submitted,

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WASHINGTON OFFICE

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CUSTOMER NUMBER

Date: September 24, 2004

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| | Substitute for Form 1449 A & B/PTO | | | Complete if Known | | | |
| _ | 3.0 | | | Application Number | 09/691,049 | | |
| Ć | IP E CINFOR | MATION D | ISCLOSURE | Confirmation Number | 5353 | | |
| | STATE | MENT BY | APPLICANT | Filing Date | October 19, 2000 | | |
| a | P 2 6 2004 B | | | First Named Inventor | Stefaan Jozef DE CNODDER | | |
| ٣ | (use as many sheets as necessary) | | | Art Unit | 2661 | | |
| | | | | Examiner Name | Robert W. WILSON | | |
| Y | * TRADE Sheet | 1 | of 1 | Attorney Docket Number | Q61398 | | |

| U.S. PATENT DOCUMENTS | | | | | | |
|-----------------------|------|-----------------|-----------------------------------|------------------|---|--|
| Examiner | Cite | Document Number | | Publication Date | | |
| Initials* | No.1 | Number | Kind Code ² (if known) | MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | |
| | | US 6,327,246 | B1 | 12-04-2001 | Jones | |
| | | US 5,949,795 | A | 09-07-1999 | Moroney et al. | |
| Ī | | US 6,333,917 | B1 | 12-25-2001 | Lyon et al. | |
| | | US 5,812,525 | A | 09-22-1998 | Teraslinna | |
| | | US 6,404,767 | B1 | 06-11-2002 | Depelteau et al. | |
| | _ | US 6,247,072 | B1 | 06-12-2001 | Firestone | |
| | | US 6,438,134 | B1 | 08-20-2002 | Chow et al. | |
| | | US 5,132,966 | Α | 07-21-1992 | Hayano et al. | |
| | | US 6,081,843 | A | 06-27-2000 | Kilkki et al. | |
| | | US 6,198,724 | B1 | 03-06-2001 | Lam et al. | |
| | | US 5,793,747 | A | 08-11-1998 | Kline | |
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| FOREIGN PATENT DOCUMENTS | | | | | | | |
|--------------------------|------------------|------------------------------|---------------------|-----------------------------------|------------------|-----------------------------|--------------|
| Examiner | Cite | Foreign Patent Document | | | Publication Date | Name of Patentee or | |
| Initials* | No. ¹ | Country Code ³ | Number ⁴ | Kind Code ⁵ (if known) | MM-DD-YYYY | Applicant of Cited Document | Translation® |
| | | | | | | | |

| | | NON PATENT LITERATURE DOCUMENTS | |
|-----------------------|--------------|--|--------------------------|
| Examiner Initials* | Cite No.1 | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published. | Translation ⁶ |
| | | Kyeong Soo Kim <i>et al.</i> , "Three-level Traffic Shaper and its Application to Source Clock Frequency Recovery for VBR Video Services in the ATM Networks" IEEE/ACM Transactions on Networking, vol. 3, no. 4, August 1, 1995, pages 450-458, XP000520864. | Yes |
| | | H. R. Mehrvar et al., On Prediction of Bursty Traffic in Broadband SATCOM Systems" 1996 IEEE International Conference on Communications (ICC), Converging Technologies for Tomorrow's Applications Dallas, June 23-27, 1996, vol. 2, June 23, 1996, pages 926-930, XP000625909. | Yes |
| | | M. Ritter, "Performance Analysis of the Dual Cell Spacer in ATM Systems" High Performance Networking 6, IFIP 6 th . International Conference on High Performance Networking (HPN). Palma De Mallorca, September 13-15, 1995, Conf. 6, September 11, 1995, pages 345-362, XP000624348. | Yes |
| | | Jin-soo Kim et al., "Adaptive Traffic Smoothing for Live VBR MPEG Video Service", Computer Communications 21 (1998) 644-653. | Yes |
| | | The ATM Forum, Technical Committee, "Traffic Management Specification - Version 4.0" ATM Forum/95-0012R10, February 1996, pages 41 and 42. | Yes |

| Examiner Signature | Date Considered |
|--------------------|------------------|
| | 2 Date Constants |

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or in the comment box of this document. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ³Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to indicate here if English language Translation is attached.